

ABSTRACT OF THE DISCLOSURE

An inspection and maintenance data storage and retrieval system features uniquely

identified read/write memory buttons mounted in or on an equipment unit such as an aircraft, in

5 association with specific components of the equipment unit. Technical information useful for

inspection and maintenance of the components, plus historical inspection and maintenance information, is stored in a central database computer remote from the equipment unit. A memory

button probe, used in conjunction with a portable computer, enables storage on the memory buttons

of information relating to inspection and maintenance carried out on the corresponding equipment

10 components, as well as technical information related to the components. The portable computer is

connected to the central database computer, preferably through a wireless Internet connection, thus

at the point of inspection or maintenance. Information relating to each inspection and maintenance

database computer may be a network server providing authorized users with access to current

maintenance and operational status information for the equipment units supported by the system.